

**Work Order ID 64175**

November 29, 2010 9:55:03 AM



Page 1

Item ID: D3672-7

Accept



Setup Start



Revision ID:

Stop



Item Name: Phenolic Washer

Start Date: 11/29/10 Start Qty: 1,000.00



Cust Item ID:

Required Date: 12/03/10 Req'd Qty: 1,000.00



Customer:

Reference:

Approvals: Process Plan: CZ Date: 10/11/29 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3672	Rev C

100 PURCHASING 0.00



Purchasing

Memo

0.00

Purchasing

Issue P/O: 13022

Purchase Part Number: MM .562 OD X .328 ID X.031 +/- .002

Supplier: HASKINS INDUSTRIAL

Certificate of conformity is required

CZ 10/11/29 1000

110 Receive &amp; Inspect for Damage &amp; Mat'l Certs 0.00



Packaging

Memo

0.00

Packaging

Ensure certificate of conformity is attached

12/14/2010 (1000)

120 QC6- Inspect dimensions to drawing 0.00



QC

Memo

0.00

Quality Control

8/10/2010x1000QSP019



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



**Work Order ID 64175**

November 29, 2010 9:55:03 AM



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Item ID: D3672-7

Accept



Setup Start



Revision ID:

Stop



Item Name: Phenolic Washer

Start Date: 11/29/10 Start Qty: 1,000.00



Cust Item ID:

Required Date: 12/03/10 Req'd Qty: 1,000.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg & Stock Location: 74

0.00



Packaging

Memo

0.00

Packaging

10/12/10 150 1000x

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/12/02 10MF  
10-12-01



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

November 29, 2010 9:55:02 AM

Page 1

Work Order ID: 64175



Parent Item: D3672-7



Parent Item Name: Phenolic Washer


Start Date: 11/29/10

Required Date: 12/03/10

Start Qty: 1,000.00

Required Qty: 1,000.00

Comments: IPP Rev:A New Issue 07-10-30 DD Verified By:ec  
IPP Rev:B ECN 1056 07-11-13 DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3672-7P  WASHER		Purchased	No			110	Each	0.0000	1	1000		11/29/10	(1000)



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

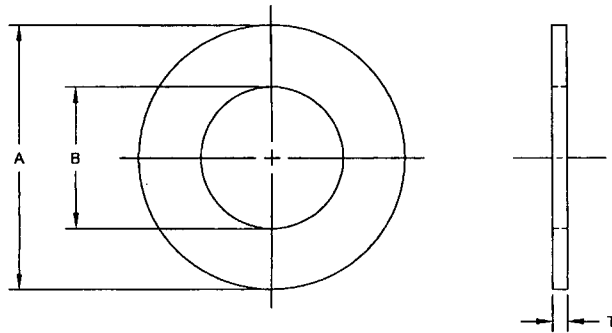
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng.	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# SPECIFICATION CONTROL DRAWING



**D3672-X PHENOLIC WASHER**

Dart P/N	A (IN)	B (IN)	T (IN)	SUPPLIER P/N	REPLACES
D3672-1	0.437	0.210	0.031	MM .437OD x .210ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H3L
D3672-3	0.500	0.267	0.031	MM .500OD x .267ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H4L
D3672-5	0.562	0.326	0.062	MM .562OD x .326ID x .062 +/- .002 PHENOLIC FLAT WASHER	NAS1515H5
D3672-7	0.562	0.328	0.031	MM .562OD x .328ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H5L
D3672-9	0.625	0.390	0.031	MM .625OD x .390ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H6L
D3672-11	0.750	0.453	0.031	MM .750OD x .453ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H7L
D3672-13	0.875	0.515	0.031	MM .875OD x .515ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H8L



## NOTES:

- 1) MATERIAL: PHENOLIC. PURCHASE HASKINS INDUSTRIAL INC. P/N PER TABLE (IN QUANTITIES OF 1000)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

C21011129  
W/O: 64175

**RELEASED**  
N 2009-12-14  
MB

C	REDRAW, ADD -13 (ZN A8-1), PAR 09-038	CP	09.11.04
B	ADD -5/-7/-9/-11	DC	07.10.09
A	NEW ISSUE	DC	07.08.28
REV.	DESCRIPTION	BY	DATE
DESIGN	DC	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	qp	DRAWING NO.	REV. C
CHECKED	TA	D3672	SHEET 1 OF 1
MFG. APPR.	MB	TITLE	SCALE
APPROVED	MB	PHENOLIC WASHER	NTS
DE APPR.		COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	
DATE	09.11.04		





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO13022

Purchase Order Date 11/29/10

PO Print Date 11/29/10

Page Number 1 of 2

Order From :

VC-HAS001

HASKINS INDUSTRIAL  
5-52 ANTARES DRIVE  
NEPEAN, ON K2E 7Z1  
CA

Contact Name  
Vendor Phone 613 723 8800  
Vendor Fax 613 723 8806  
Vendor Account Nbr

Buyer Chantal Lavoie  
Requisition Nbr  
Tax Resale Nbr 10127-2607  
Terms Net 30  
Currency CAD  
FOB Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAKED**  
11/29/10

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D3672-7P	WASHER	12/03/10 Yes	1,000.00 Each	Dicom	\$0.3229	\$322.90
Special Inst:			AS PER DWG D 3672 REV. C B64175 HASKINS P/N: MM .562 OD X .328 ID X .031 +/- .002				
2	D3672-3P	WASHER	12/03/10 Yes	1,000.00 Each	Dicom	\$0.3229	\$322.90
Special Inst:			DWG AS ABOVE B64176 HASKINS P/N: MM .500 OD X .267 ID X .031 +/- .002				
3	D3672-1P	WASHER	12/03/10 Yes	1,000.00 Each	Dicom	\$0.3229	\$322.90
Special Inst:			DWG AS ABOVE B64177 HASKINS P/N: MM .437 OD X .210 ID X .031 +/- .002				

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 11/29/10



M.M. SALES ADMINISTRATRIX LTD.

7650 KIMBEL STREET  
UNIT # 35  
MISSISSAUGA, ONTARIO  
L5S 1L2

# PACKING SLIP

ISO 9001:2008  
Registered

Date	Invoice #
30/11/2010	2045

Invoice To
HASKINS INDUSTRIAL INC 5- 52 ANTARES DRIVE NEPEAN, ONTARIO K2E 7Z1

Ship To
DART AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESBURY, ONTARIO K6A 1K7 TAG P.O. # 13022

P.O. No.	Ship Date	Ship Via	FOB
200973	30/11/2010	PUROLAT...	MISSISSAUGA

*P.O. 13022*

Description	Qty
<p>P/N MMS -D3672-7 PHENOLIC FIBRE FLAT WASHER .562 X .328 X .031 +/- .002</p> <p><i>8012/01</i></p> <p>DIE A 78</p> <p>PUROLATOR # 7684382 GST &amp; HST on sales</p>	<p><i>1.000</i></p>

GST/HST No.

889055281